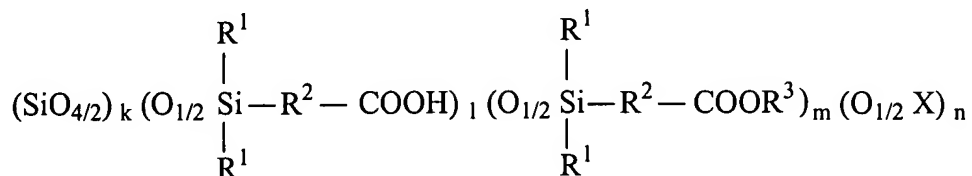


AMENDMENTS TO THE CLAIMS:

1. (Canceled)

2. (Previously Presented) A silicon-containing polymer comprising the structure represented by formula 1 below as a main structural unit



1

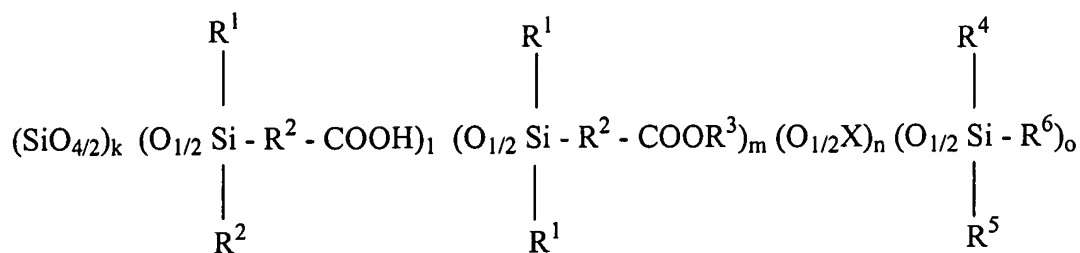
where R^1 represents a monovalent organic group, R^2 represents a direct bond or a divalent organic group, R^3 represents a monovalent organic group or an organosilyl group, any of which groups may be of different types, X represents hydrogen, a monovalent organic group or an organosilyl group, which groups may be of different types, k and l are positive integers, m and n are 0 or positive integers, and these subscripts satisfy the following relationship

$$0 < \frac{l}{1 + m + n} \leq 0.8 \quad 0 \leq \frac{m}{1 + m} < 0.2$$

wherein at least some of the X groups are triorganosilyl groups.

3. (Original) A silicon-containing polymer according to claim 2, wherein said triorganosilyl groups include photosensitive crosslinkable groups.

4. (Previously Presented) A silicon-containing polymer represented by formula 2 below,



2

where R^1 represents a monovalent organic group,

R^2 represents a direct bond or a divalent organic group,

R^3 represents a monovalent organic group or an organosilyl group, any of which groups may be of different types,

X represents hydrogen, a monovalent organic group or an organosilyl group, which groups may be of different types, wherein at least some of the X groups are triorganosilyl groups containing a photosensitive crosslinkable group and wherein the photosensitive crosslinkable group is chloromethylphenylethyl,

R^4 , R^5 and R^6 each independently represent a monovalent organic group, at least one of R^4 , R^5 and R^6 being a monovalent organic group containing chloromethylphenylethyl, wherein R^4 , R^5 and R^6 may be one or more different types of organic groups,

k, l and o are positive integers,

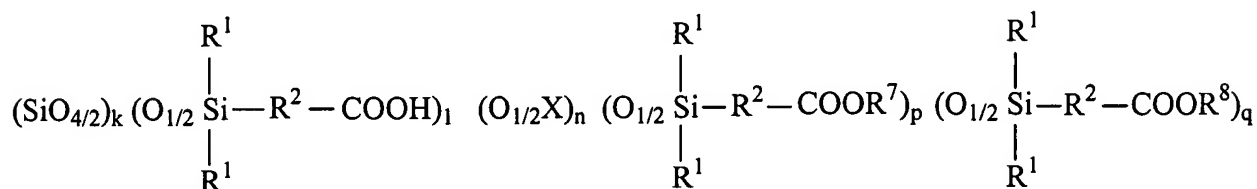
m and n are 0 or positive integers, and

these subscripts satisfy the following relationships:

$$0 < \frac{o}{1+m+n+o} \leq 0.8$$

$$0 < \frac{1}{1+m+n} \leq 0.8 \quad 0 \leq \frac{m}{1+m} < 0.2$$

5. (Previously Presented) A silicon-containing polymer comprising the structure represented by formula 3 below as a main structural unit



3

where R^1 represents a monovalent organic group, R^2 represents a direct bond or a divalent organic group, R^7 and R^8 each independently represent a monovalent organic group or an organosilyl group, any of which groups may be of different types, X represents hydrogen, a monovalent organic group or an organosilyl group, which groups may be of different types, k and q are positive integers, l, n, and p are 0 or positive integers, and these subscripts satisfy the following relationship

$$0 \leq \frac{1}{1+n+p+q} < 0.5 \quad 0.1 < \frac{q}{1+n+p+q} \leq 0.8$$

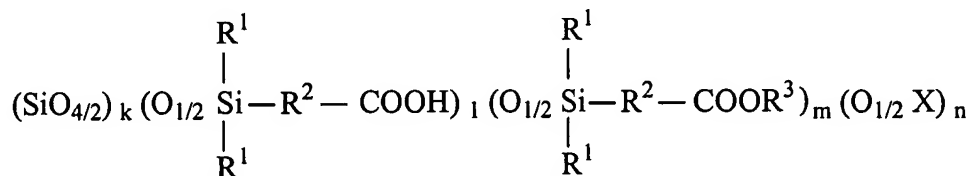
6. (Original) A silicon-containing polymer according to claim 5, wherein at least some of the X groups are triorganosilyl groups.

7. (Original) A silicon containing polymer according to claim 5, wherein R⁸ is a functional group that is eliminated by an acid catalyst.

8. (Currently Amended) A copolymer according to any one of claims 2 to 7, where R² is ~~-(CH₂)_a-~~ -(CH₂)_a- and a is an integer of 1-10.

9 - 17 (Cancelled)

18. (Previously Presented) A silicon-containing polymer comprising the structure represented by formula 1 below as a main structural unit



1

where R¹ represents a monovalent organic group, R² represents a direct bond or a divalent organic group, R³ represents a monovalent organic group or an organosilyl group, any of which groups may be of different types, X represents hydrogen, a monovalent organic group or an organosilyl group, which groups may be of different types, k and l are positive integers, m is a positive integer, and n is 0 or a positive

integer, and these subscripts satisfy the following relationship: $0 < l/(l+m+n) \leq 0.8$ and $0 < m/(l+m) < 0.2$.

19. (Previously Presented) A silicon-containing polymer according to claim 18, wherein at least some of the X groups are triorganosilyl groups.

20. (Previously Presented) A silicon-containing polymer according to claim 19, wherein said triorganosilyl groups include photosensitive crosslinkable groups.

21. (Currently Amended) A copolymer according to any one of claims 18 to 20, where R^2 is $-(CH_2)_a-$ $-(CH_2)_a-$ and a is an integer of 1-10.